

Title (en)

Solids separator and method of treatment for biowaste

Title (de)

Feststoff-Trenner und Verfahren zur Behandlung von biologischem Abfall

Title (fr)

Séparateur de solides et procédé de traitement de déchets biologiques

Publication

**EP 2510954 A1 20121017 (EN)**

Application

**EP 12397513 A 20120411**

Priority

FI 20115350 A 20110412

Abstract (en)

The invention relates to a device and a method for the separation of solids from a biowaste slurry before heat treatment, and for heat treatment of the separated solids. The device comprises a chamber with a main inlet port for feeding slurry, and outlet ports. A unit for separating solids is adapted to an outlet port so, that liquid leaving the chamber has passed through the separation unit. A second outlet port is provided directly from the chamber to allow removal, following sterilization, of solids collected in the chamber. The sterilization is secured by temperature monitoring at representative locations.

IPC 8 full level

**A61L 11/00** (2006.01); **B09B 3/00** (2006.01); **C02F 11/128** (2019.01)

CPC (source: EP US)

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Citation (applicant)

EP 1440040 A1 20040728 - STERIS EUROPE INC [FI]

Citation (search report)

- [XAI] US 3700468 A 19721024 - SHORE DAVID TEIGNMOUTH, et al
- [XII] DE 3338572 A1 19850509 - SEITZ ENZINGER NOLL MASCH [DE]
- [A] US 2001053869 A1 20011220 - KAYE GORDON I [US], et al

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Designated extension state (EPC)

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DOCDB simple family (application)

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